WHAT IS CLAIMED IS:

1.   A method for processing input data, comprising:

receiving short note input data;

using a semantic grammar to generate semantic structures;

producing with a first realization grammar a plurality of local text realizations

from the semantic structures;

matching the short note input data with ones of the plurality of local text

realizations to define a final semantic structure; and

producing with a second realization grammar a global text realization from the

final semantic structure.

2.   The method of claim 1, further comprising outputting the global text

realization to an output device.

3.   The method of claim 2, wherein outputting the global text realization

comprises outputting the global text realization to at least one of a printing device, a

display device, and a sound device.

4.   The method of claim 1, wherein the short notes input data are

semantic abbreviations.

5.   The method of claim 1, wherein the short note input data comprises a

plurality of short notes, and wherein matching the short note input data with ones of

the plurality of local text realizations to define a final semantic structure comprises:

performing a fuzzy match between the plurality of local text realizations and

the short notes to provide a local text realization associated with each short note; and

defining the final semantic structure based on the local text realizations.

6.   The method of claim 1, wherein the short note input data comprises a plurality of short notes, and wherein matching the short note input data with ones of the plurality of local text realizations to define a final semantic structure comprises:

performing a fuzzy match between the plurality of local text realizations and the short notes to provide at least one local text realization associated with each short note;

selecting one of the local text realizations associated with each short note; and

defining the final semantic structure based on the selected local text realizations.

7.   The method of claim 6, wherein performing a fuzzy match comprises assigning a rank to each local text realization associated with each short note.

8.   The method of claim 1, wherein the short note input data comprises a plurality of short notes, and wherein matching the short note input data with ones of the plurality of local text realizations to define a final semantic structure comprises:

performing a fuzzy match between the plurality of local text realizations and the short notes to provide at least one local text realization associated with each short note;

displaying the short notes and said at least one local text realization associated with each short note;

selecting one of the local text realizations associated with each short note; and

defining the final semantic structure based on the selected local text realizations.

9.   The method of claim 8, wherein performing a fuzzy match comprises assigning a rank to each local text realization associated with each short note.

10.   The method of claim 6, wherein performing a fuzzy match comprises:

determining a descriptor for each short note;

providing descriptors for each local text realization;

determining a fuzzy similarity measure between the descriptors for short notes and the descriptors for local text realizations; and

ranking local text realizations based on the fuzzy similarity measure between the descriptors of the short notes and the descriptors of the local text realizations.

11. A system for processing input data, comprising:

an input device which receives short note input data;

a semantic grammar generator which uses a semantic grammar to generate semantic structures;

a local text realization generator which produces with a first realization grammar a plurality of local text realizations from the semantic structures;

a processor that matches the short note input data with the plurality of local text realizations to define a final semantic structure; and

the processor that produces with a second realization grammar a global text realization from the final semantic structure.

12.   The system of claim 11, further comprising an output device which outputs the global text realizations.

13.   The system of claim 12, wherein the output device comprises one of a printing device, a display device, and a sound device.

14.   The system of claim 11, wherein the short note input data are semantic abbreviations.

15.   The system of claim 11, wherein the short note input data comprises a plurality of short notes, and wherein the processor matches the short note input data with the plurality of local text realizations by performing a fuzzy match between the plurality of local text realizations and the short notes to provide a local text realization associated with each short note.

16.   The system of claim 15, wherein performing the fuzzy match comprises assigning a rank to each local text realization associated with each short note.

17.   The system of claim 15, further comprising an output device which displays the short notes and said at least one local text realization associated with each short note.

18.   The system of claim 17, wherein the input device or another input device receives a selection of one of the local text realizations associated with each short note.

19.   A computer program product, comprising:

        a computer usable medium having computer readable program code embodied therein for converting input data into a global text realization, wherein said computer readable instructions comprise:

        a computer readable program code for causing a computer to receive input data;

        a computer readable program code for causing the computer to generate a global text realization based on the input data; and

        a computer readable program code for causing a computer to output the global text realization.

20.   The computer program product of claim 19, wherein the computer readable program code for causing the computer to generate a global text realization based on the input data comprises:

        a computer readable program code for causing a computer to use a semantic grammar to generate semantic structures;

        a computer readable program code for producing with a first realization grammar a plurality of local text realizations from the semantic structures;

        a computer readable program code for matching the short note input data with ones of the plurality of local text realizations to define a final semantic structure; and

a computer readable program code for producing with a second realization grammar global text realizations from the final semantic structure.

21.   A computer program product, comprising:

a computer usable medium having computer readable program code embodied therein for converting short notes into a global text realization, wherein said computer readable instructions comprise:

a computer readable program code for causing a computer to perform a fuzzy match between local text realizations and short notes to provide at least one local text realization in association with each short note; and

a computer readable program code for causing the computer to generate a global text realization for each short note from associated local text realizations selected by an operator.

22.   A system for converting short notes into a global text realization comprising:

means for inputting short notes;

means for generating a global text realization based on the short notes; and

means for outputting the global text realization.